# 800W High Power Fixed Attenuator

## Features
- Low VSWR
- High Power
- Fans included.

## Typical Applications
- Microwave Signal Attenuation.
- Test and Measurement.
- Research and Development.
- Radar Applications

## Electrical Specifications, 25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Frequency Range (GHz)</th>
<th>Attenuation Accuracy (dB)</th>
<th>Power (CW)</th>
<th>Peak Power(KW)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>40</td>
<td>50</td>
</tr>
<tr>
<td>RFS800G01</td>
<td>DC – 1GHz</td>
<td>/</td>
<td>±1.0</td>
<td>±1.0</td>
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<tr>
<td>RFS800G02</td>
<td>DC – 2GHz</td>
<td>/</td>
<td>±1.25</td>
<td>±1.5</td>
</tr>
<tr>
<td>RFS800G03</td>
<td>DC – 3GHz</td>
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<td>±1.5</td>
<td>±2.0</td>
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<tr>
<td>RFS800G04</td>
<td>DC – 4GHz</td>
<td>/</td>
<td>±2.0</td>
<td>±2.5</td>
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</tbody>
</table>

## Mechanical Specifications
- Coaxial Connector Type: N or 7/16 (Male or Female)
- Size: 506x260x140mm (20”x10.2”x5.51”) (no Fan) / 506x260x260mm (20”x10.2”x10.23”) (with Fan)
- Weight: 17.5KG (No Fan) / 20KG (With Fan)
- External Body Finish: Body painted with gray / black epoxy enamel

## Environmental Specifications
- Operational Temperature (°C): -40~ +85
- Storage Temperature (°C): -55 ~ +125
- Altitude: 42000 ft
- Vibration: 10g RMS (15 degrees 2KHz)
- Humidity: 100% RH at 35°C, 95%RH at 40 °C
- Shock: 20G for 11msec
- Cooling: FAN Cooled
Outline Drawing:
All Dimensions in mm [inches]

No Fan

With Fan

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